![HPPI - Health Promotion and Prevention Initiatives]

Web-based Quarters and Profile System (FY02-2005)

Impact

This system is used to document Soldier Readiness Processing (SRP)-relevant information and manage all tobacco cessation patients.

Description

The original goal of this initiative was to create a centralized tracking system for sick slips and profiles given to Active Duty personnel. The system used a web-based database so that real-time analysis of injury trends and illness outbreaks would be possible. This information would then enable Command to intervene at a point that would help reduce illness and injury rates. A regional decision to implement MEDBASE made this project redundant, so the project was not implemented as intended. However, the system is now used to document every vaccination given, capture clinical data on every Soldier who comes through the SRP site, and manage every tobacco cessation patient.

Outcomes

- At last check, the system had documented over 100,000 vaccinations (and all reactions) and captured data on 553 post-deployment soldiers, 5754 pre-deployment soldiers, and 8004 routine in-processing soldiers.
- There has been a 50-60% improvement in data acquisition and report generation as measured by an increase in the amount of centrally located data and the reports that have been able to be generated.
- Reports that previously required hours of searching paper documents are now generated in minutes.

Innovative Features

The initiative created a system that could provide decision-support data in real-time. The most valuable part of this project was the creation and implementation of a centralized database of Preventive Medicine data that is managed from a standard user interface.

Lesson Learned

- Although the system is now used for a different purpose than originally intended, the broad objectives of data acquisition, centralization, analysis, and report generation have improved delivery of care to Soldiers.
- Network-based applications are more flexible and easier to maintain than client-server applications.
- Using familiar Graphic User Interfaces (GUIs) makes it easier for users to feel familiar and comfortable with a new system.